

Sensor Deck Mounted Tap / Large

TSL.960

The TSL.960 is a stainless steel deck mounted sensor tap, available in a variety of colored finishes, with a sleek and minimalist design.

Finish	Codes	LRV*
● Satin	TSL.960.CS	51
● Black	TSL.960.BK	3
● Brass	TSL.960.BR	40
● Copper	TSL.960.CP	19
● Chrome	TSL.960.C	58

Light Reflectance Value*

+ Satin



+ Black



+ Brass



+ Polished



+ Copper



Technical Data

Weight	3.3 lbs
Material	AISI 304 Stainless Steel
Min/Max pressure	4.25 - 108psi
Flow Rate	0.5 gpm standard. Options for 0.35 and 1 GPM available
Aerator	Cascade flow
Coating Type	PVD (colors only)
Max hot water temperature	140°F
Temperature control	Internal mixer cartridge; not thermostatic
Power Supply (Battery)	Battery 6 V CR-P2 Lithium battery 6 Vdc, - battery pack not included
Power Supply (Mains)	Mains 110-230 Vac, 50-60Hz, 1.5A
Output (Max)	1A
Power Consumption	< 87% Active mode, 0.3W No load
Solenoid Valve	6V Latching
Water Ingress (PSU)	IP55
Cable Lengths	31 ½" - Power supply connection 31 ½" - Solenoid valve connection
Sensor Type	Infra red
Pre-set sensor range	8 11/16"
Maximum sensor range	9 11/16"
Comfort Delay	2 seconds
Security Time-out	30 seconds
Operating Temperature	32 to 122°F
Response Time (max)	< 300ms

Installation requirements

Countertop Cut-out size	ø 1-3/8"
Maximum Countertop thickness	2"
Plumbing Connection	1/2" BSP female connection required to solenoid valve
Power Supply	3amp fused spur to be connected to IP68 transformer supplied; low voltage push fit connector to tap. For more reliable operation, it is not recommended that sensor taps are connected to an occupancy circuit. All connections must be in accord with the current local regulations in force.
Access Requirements	Solenoid/isolation valves must be accessible for initial installation & commissioning and for ongoing/routine maintenance.
Restroom Layout	Avoid installing the sensor tap directly opposite other sensor taps, soap dispensers, infrared devices or reflective surfaces. Careful consideration should be made when choosing the positioning of lighting and other reflective surfaces which may affect sensor performance.
Water Supply	14psi is the recommended minimum pressure for the faucets to operate effectively. 108psi is the maximum pressure for commissioning and is NOT recommended for general use. Gravity-fed systems may require a booster pump to achieve the optimal operating pressure All pipework must be thoroughly cleaned and clear of any debris before connecting the faucet.

Compliance & certificates

ADA compliant

ASME A112.18.1/CA B125.1-2018

NSF/ANSI 61-2017

NSF/ANSI 372-2016

NSF/ANSI/CAN 61-2022

International Plumbing Code (IPC) 2021, 2018, 2015, 2012 and 2009

International Residential Code (IRC) 2021, 2018, 2015, 2012 and 2009

Uniform Plumbing Code (UPC) 2021, 2018, 2015, 2012 and 2009

National Plumbing Code of Canada (NPC) 2020, 2015, 2010 and 2002

LEED.v4- Compliant for assessment for Water Saving and Efficiency

Continued on next page

Included

Sensor Deck Mounted Tap / Large

Body

Solenoid valve cable

Solenoid valve assembly

Power supply

Hex wrench

Battery

Battery holder

Flow regulator

Filter

Aerator

Fixing nut

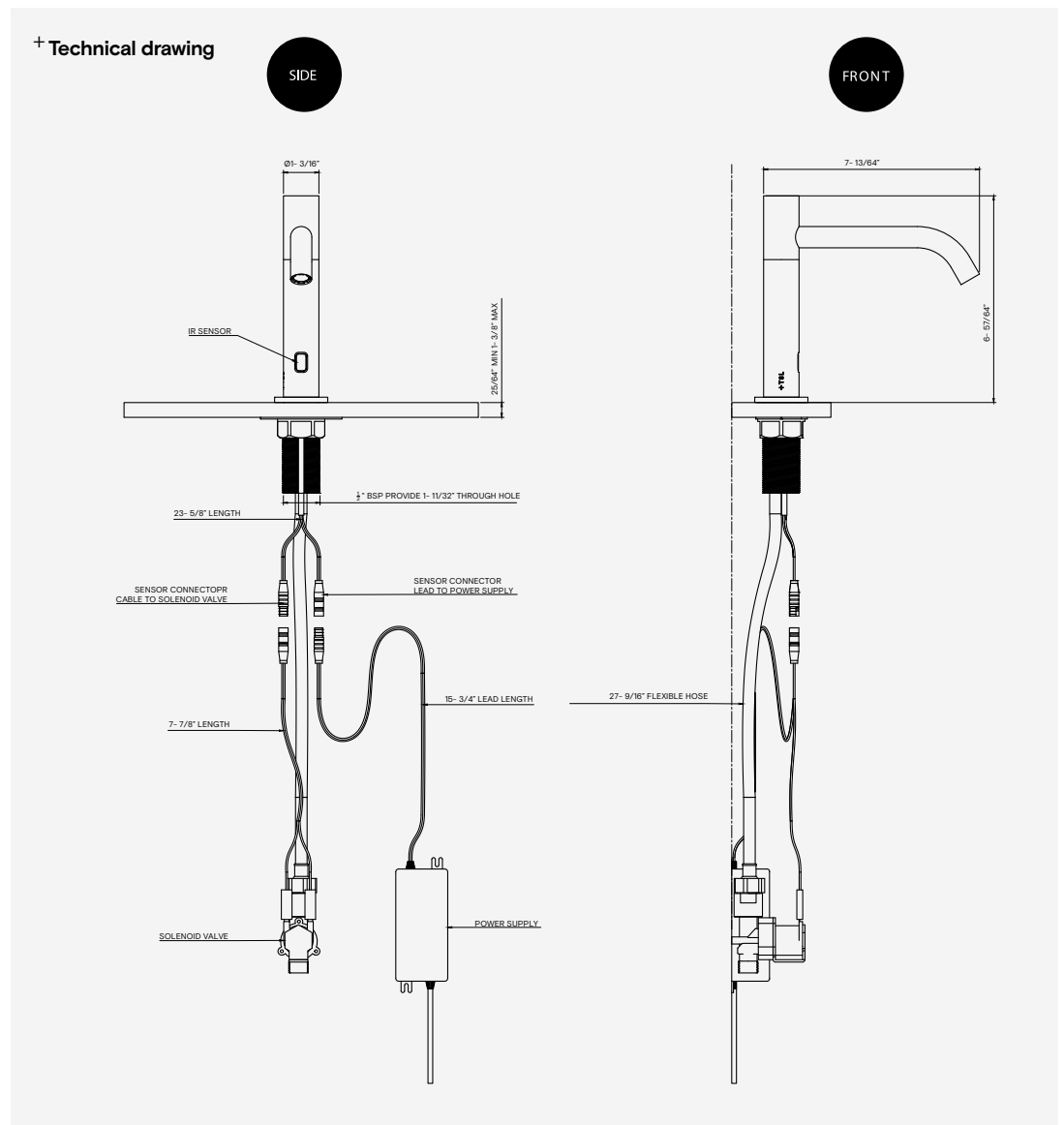
Sealing washer

Anti rotation plate

Aerator key

Warranty

1 Year limited - unlimited digital support



Spare parts

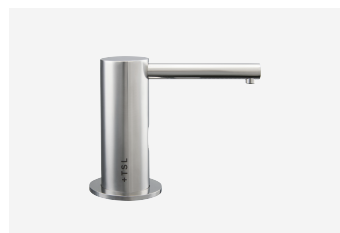
If a situation arises where you require replacement components outside of a maintenance contract, there may be provision to obtain spare parts. Providing the components are under warranty and the parts have become non-functioning during normal use within their assumed usable life, they may be replaced. Should a replacement mains power supply be required it is imperative that an identical type is used. Contact **The Splash Lab** for further information.

Part	Codes
Solenoid valve assembly	L120030
IR Sensor CI128	L260014

Related products



Radius Deck-Mounted Sensor Faucet/Small
TSL.990



Radius Deck Mounted Soap Dispenser
TSL.420